SONY
make.believe

# SVD13213CXB

It's the best of both worlds: a full HD laptop and a touchscreen tablet. All in a compact, carbon fiber mobile design that's ready from the word "go." Write notes or draw with the digitizer stylus, type an email or use your fingers to pinch, swipe and scroll your way through the web. Equipped with a 4th generation Intel® Core™ i5 processor, 4GB[4] of memory and weighing only 2.93 lbs . It's versatility redefined.

## Smooth Surf Slider® design

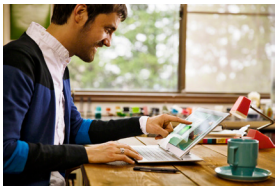
The unique and durable Surf Slider® design allows smooth transitions between tablet and laptop modes. Interact with the tablet by using the stylus or your fingers on the capacitive touchscreen. When you need the speed of real keys, simply slide the screen back to reveal the keyboard. It's durable carbon fiber thin and light design is perfect for the mobile user on the go.

## More brilliant color than ever

The 13.3" Full HD 1920 x 1080p touchscreen LCD with TRILUMINOS Display creates incredibly true, natural shades of colors – just the way you want to see them. Thanks to a new-generation technology that makes colors purer and more distinct with a wider color range, giving images a heightened sense of depth. Equipped with IPS (in-plane switching) technology so you can enjoy a crisp image from any viewing angle - perfect for giving an important presentation or watching the latest blockbuster hit.

## Digitizer Stylus

The digitizer stylus delivers precise performance allowing you to write, draw, and tap the touchscreen effortlessly. With every stroke, the digitizer stylus captures even the most subtle nuances of pressure, allowing you to adjust line weight, brush size, and more by pressing harder or softer with the pen. When the pen is near the screen, the touch sensors are turned off so you can maintain a comfortable writing position, even laying your palm on the PC. Two tips are included, allowing you to simulate working with a variety of traditional art and design materials.



## Active, even during sleep

Wake up your VAIO® Duo 13 and resume in less than a second. During sleep mode your VAIO® Duo is connected to the Internet and your applications are running and ready to go. You can immediately check the status of incoming emails and other communications just like with a smartphone. And with the long battery life, you can stay connected for all day mobility.

## Front and rear facing cameras

Snap photos and shoot video of the world around you with the rear 8 MP camera powered by Sony Exmor RS® sensor. There's also a front-facing Full HD web camera powered by Exmor R® sensor that's perfect for chatting on-line or capturing your own antics. With amazing low-light performance and face tracking technology that allows the camera to automatically adjust and keep you in focus as you move about.

intel inside CORE i5 · Windows 8 · Full HD 1080p · TRILUMINOS DISPLAY for mobile · Exmor R for pc

SONY
make.believe

## Specifications

| Processor | |
|---|---|
| Processor Type | Intel® Core™ i5-4200U |
| Processor Technology | Dual Core |
| Processor Speed | 1.60GHz[1] with Intel® Turbo Boost Technology up to 2.60GHz[2] |
| Processor Cache | 3MB |
| **Display** | |
| Screen Size | 13.3" |
| Resolution | 1920 x 1080 |
| Touch Technology | Capacitive Touchscreen |
| Display Technology | Full HD, Triluminos Display for Mobile, Digitizer Support |
| Backlight Technology | LED |
| **Memory** | |
| Installed Memory | 4GB (4GB x 1) |
| Memory Type/Speed | LPDDR3/1600MHz |
| Max. Memory | Fixed |
| **Graphics** | |
| Graphics Processor | Intel® HD Graphics 4400 |
| Graphics Video RAM | Internal |
| Maximum Resolution HDMI | 1920 x 1080 |
| **Storage** | |
| Storage Type | Serial ATA Solid State Drive |
| Storage Capacity | 128GB[4] |
| **Hardware** | |
| Camera | Front 2.0 MP Full HD Web Camera powered by Exmor R® for PC and Rear 8.0 MP Camera powered by Exmor RS® for PC and microphone |
| Keyboard | QWERTY, 83 keys with 1.0mm stroke and 19.05mm pitch |
| Backlit Keyboard | Yes |

| Audio | |
|---|---|
| Sound System | Intel® High Definition Audio with ClearAudio+ |
| **Inputs and Outputs** | |
| DC-In | 1 |
| USB 3.0 | 1 + 1 (Charge) |
| Headphone Output | 1 |
| HDMI® Output(s) | 1 |
| Headphone Output + Microphone Input | 1 |
| Memory Stick + Secure Digital | 1 |
| **Wireless/Networking** | |
| Bluetooth® Technology | Bluetooth Standard (4.0 + HS) |
| Wi-Fi® Adapter | Broadcom® BCM43241 (802.11a/b/g/n) |
| WiDi Ready | Yes - Intel® Wireless Display Technology[9] |
| NFC | Yes |
| **Software** | |
| Operating System | Genuine Windows 8 64-bit |
| Supplied Software | Microsoft® Office trial, VAIO Care™, PlayMemories Home™, ArtRage® Studio Pro |
| Anti-Virus Software | Kaspersky® Internet Security 30-Day Trial Offer[12] |
| **Service and Warranty Information** | |
| Limited Warranty Term | 1 Year |
| Onsite/In-Home Service | Yes[13] |
| International Service | Yes[5] |
| Toll-Free Phone Support | 888-476-6972[8] |
| Priority Phone Support | 239-768-7605[8] |
| **Environmental Information** | |
| ENERGY STAR® | 5.1 |
| ROHS® | Compliant |
| EPEAT™ | Silver |

| Weights and Measurements | |
|---|---|
| Dimensions (Approx.) | 13.00" (W) x 0.77" (H) x 8.27" (D) |
| Weight (Approx.) | 2.93 lbs. (with Internal Battery) |
| **Power** | |
| Battery Type | Internal Lithium Polymer Battery (VGP-BPS36 6320mAh) |
| Battery Life | Up to 10 hours[10] |
| **General** | |
| Security | Intel® Identity Protection Technology, Intel® Anti-Theft Technology[14] |
| Action Buttons | ASSIST, Windows |
| Pointing Device | Clickable Touchpad (Gesture Supported) |
| **Accessories** | |
| Supplied Accessories | Internal Lithium Polymer Battery (VGP-BPS36 6320mAh), Digitizer Pen (VGP-STD1), AC Adapter, Power Cord |
| **Colors** | |
| Color | Carbon Black |

1. GHz denotes maximum microprocessor internal clock speed and may vary based on application.
2. Requires a system with Intel® Turbo Boost Technology. Intel® Turbo Boost Technology and Intel® Turbo Boost Technology 2.0 are only available on select Intel® processors. Consult your PC manufacturer. Performance varies depending on hardware, software, and system configuration. For more information, visit http://www.intel.com/go/turbo.
4. 1 GB = one billion bytes. Actual formatted capacity will be less.
5. Not all models applicable. Registration required. See www.sony.com/IRSP for details.
8. For some third party software, Sony provides initial support. Additional support may be available from the applicable vendor. Availability may vary by vendor.
9. (WiDi) Requires an Intel® Wireless Display-enabled system, compatible adapter, and TV. 1080p and Bluray* or other protected content playback only available on 3rd or 4th generation Intel® Core™ processorbased PCs with built-in visuals enabled, a compatible adapter and media player, and supporting Intel® WiDi software and graphics driver installed. Consult your PC manufacturer. For more information, see www.intel.com/go/widi.
10. Based on Sony engineering testing. Actual performance may vary considerably based on hardware configuration, software, power management settings, environmental conditions, wireless connectivity and other factors. Maximum battery capacity will normally decrease with time and use.
12. Kaspersky Internet Security 30-day subscription is pre-installed on your Sony VAIO PC. You need to activate the software for the product to work. After your 30-days are finished, buy Kaspersky Internet Security to continue to be protected from cybercriminals, identify theft, viruses, and other threats.
13. Availability may be limited. See limited warranty for details.
14. No system can provide absolute security under all conditions. Requires an enabled chipset, BIOS, firmware, and software, and a subscription with a capable service provider. Consult your system manufacturer and service provider for availability and functionality. Intel assumes no liability for lost or stolen data and/or systems or any other damages resulting thereof. For more information, visit http://www.intel.com/go/anti-theft.

©2013 Sony Electronics Inc. All rights reserved. Reproduction in whole or in part without written permission is prohibited. Sony, VAIO, Memory Stick Duo, Exmor, S-Force, Vegas, ACID, Sound Forge, VAIO Care, Media Gallery, PlayMemories Home, xLOUD, Clear Phase and the Sony make.believe logo are trademarks of Sony in the U.S. and in other countries. Intel, Core and Pentium are trademarks of the Intel Corporation in the U.S. and in other countries. Microsoft, Windows, PowerPoint and Excel are registered trademarks of the Microsoft Corporation in the U.S. and in other countries. Blu-ray Disc and its logo is a trademark. Bluetooth and the Bluetooth logo are registered trademarks of Bluetooth SIG, Inc. Dolby and Dolby Home Theater are registered trademarks of Dolby Laboratories. Kaspersky Internet Security is a trademark of Kaspersky Lab ZAO or its affiliates in the U.S. and other countries. ©1997-2013 Kaspersky Lab ZAO. All rights reserved. All other trademarks are trademarks of their respective owners.
UPC: 027242962330 / Updated: July 19, 2013